

## *Joint Service Light Nuclear, Biological, and Chemical Reconnaissance System (JSLNBCRS)*

### *DESCRIPTION*

JSLNBCRS is a Joint Service program. The LNBCRS will detect, identify, and mark NBC hazards and toxic industrial chemicals on the integrated battlefield as well as providing information reports and warning to follow-on forces and commanders. The LNBCRS will have significantly less impact on strategic and intra-theater lift resources and provide a NBC reconnaissance capability to light forces in a manner consistent with their unique mission requirements. Planned Systems include HMMWV and LAV variants.

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|----------------------|----------|----------|
| PROCUREMENT PROFILE: | FY00     | FY01     |
| <i>Quantity:</i>     | <i>0</i> | <i>6</i> |

### *OPERATIONAL IMPACT*

The JSLNBCRS will be employed by Marine Corps forces in areas where it is reasonable to expect that NBC weapons and toxic industrial chemicals will be employed against friendly forces. In the forward combat area, the LNBCRS is integrated into the overall reconnaissance and surveillance effort to either confirm or deny contaminated areas to support combat operations. The LNBCRS will be used in the rear areas to monitor main supply routes, logistics bases, airfields, ports, and key command and control centers for NBC hazards. These missions can occur during peacetime and wartime operations including expeditionary and power projection missions. The system will also support other hazard assessment missions as necessary. Employing the JSLNBCRS, the MAGTF commander will be able to maneuver forces to detect, locate, avoid, and report contaminated areas. The JSLNBCRS will provide units with accurate and rapid NBC combat hazard information. Employment of the JSLNBCRS will have significantly less impact on strategic and intra-theater lift resources than that of current systems.

### *PROGRAM STATUS*

IOC is scheduled for FY02 and FOC is FY07. The Program is currently seventh in priority of forty-four programs on the Joint Service Integration Group (JSIG) for NBC Defense. The JSLNBCRS will be located in the Marine Division, Marine Aircraft Wing, and Force Service Support Group. Within the Marine Division, the JSLNBCRS will be located at and employed by the Light Armored Reconnaissance Battalions (Combat Assault Battalion with the 3rd Marine Division). Within the FSSG, it will be located and employed at Headquarters and Service

Battalion. Within the MAW, it will be located and employed at Marine Wing Support Squadrons. Each JSLNBCRS will be employed and operated by three NBC specialists, During peacetime, the JSLNBCRS could be employed in support of humanitarian relief/peace keeping missions.

*DEVELOPER/MANUFACTURER*

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